

Form PTO-1449 <i>(Substitute)</i>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01365US0	Serial/Patent Number 10/619,165
<i>Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)</i>		Applicant/Patent Owner Gregory P. Smith	
		Filing/Issue Date July 11, 2003	Group Art Unit 2161

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	Inventor(s)	Class	Subclass	Filing Date
YK		5,757,669	05/26/98	Christie et al.			
		5,954,798	09/21/99	Shelton et al.			
		6,054,910	04/25/00	Tada et al.			
		6,108,687	08/22/00	Craig			
		6,122,647	09/19/00	Horowitz et al.			
		6,185,587	02/06/01	Bernardo et al.			
		6,202,066	03/13/01	Barkley et al.			
		6,292,900	09/18/01	Ngo et al.			
		6,377,973	04/23/02	Gideon			
		6,381,579	04/30/02	Gervais et al.			
		6,397,231	05/28/02	Salisbury et al.			
		6,412,070	06/25/02	Van Dyke et al.			
		6,477,543	11/5/02	Huang et al.			
		6,510,513	01/21/03	Danieli			
		6,633,538	10/14/03	Tanaka et al.			
		6,697,805	02/24/04	Choquier et al.			
		6,732,144	05/04/04	Kizu et al.			
		6,735,586	05/11/04	Timmons			
		6,738,789	05/18/04	Multer et al.			
		6,757,698	06/29/04	McBride et al.			
		6,779,002	08/17/04	Mwaura			
		6,856,999	02/15/05	Flanagan et al.			
↓		6,889,222	05/03/05	Zhao			
<u>Examiner</u>	<i>Paul C.</i>			<u>Date Considered</u>	<i>10/25/07</i>		

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Substitute) PATENT AND TRADEMARK OFFICE				Attorney Docket Number BEAS-01365US0		Serial/Patent Number 10/619,165	
<i>Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)</i>				Applicant/Patent Owner Gregory P. Smith			
				Filing/Issue Date July 11, 2003		Group Art Unit 2161	
Examiner Initial		Patent Number	Issue Date	Inventor(s)	Class	Subclass	Filing Date
<i>yc</i>		6,901,403	05/31/05	Bata et al.			
		6,922,695	07/26/05	Skufca et al.			
		6,934,934	08/23/05	Osborne II, et al.			
		6,985,915	01/10/06	Somalwar et al.			
		6,988,138	01/17/06	Alcorn et al.			
		7,035,879	04/25/06	Shi et al.			
		7,054,910	05/30/06	Nordin et al.			
		7,062,511	06/13/06	Poulsen			
		7,076,652	07/11/06	Ginter et al.			
		7,085,755	08/01/06	Bluhm et al.			
		7,085,994	08/01/06	Gvily			
<i>yc</i>		7,093,200	08/15/06	Schreiber et al.			
U.S. PATENT PUBLICATIONS							
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant			
<i>yc</i>		2001/0032128	10/18/01	Kepecs			
		2002/0019827	02/14/02	Shiman et al.			
		2002/0067370	06/06/02	Forney et al.			
		2002/0103818	08/01/02	Amberden			
		2002/0147645	10/10/02	Alao et al.			
		2002/0152267	10/17/02	Lennon			
		2002/0161903	10/31/02	Besaw			
		2002/0169893	11/14/02	Chen et al.			
		2002/0194267	12/19/02	Flesner et al.			
<b>Examiner</b>	<i>Paul Lai</i>		<b>Date Considered</b>	<i>10/25/07</i>			

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Substitute) PATENT AND TRADEMARK OFFICE			Attorney Docket Number BEAS-01365US0	Serial/Patent Number 10/619,165
<i>Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)</i>			Applicant/Patent Owner Gregory P. Smith	
			Filing/Issue Date July 11, 2003	Group Art Unit 2161
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
<i>YC</i>		2003/0014442	01/16/03	Shiigi et al.
		2003/0032409	02/13/03	Hutcheson et al.
		2003/0110448	06/12/03	Haut et al.
		2003/0126464	07/03/03	McDaniel et al.
		2003/0126558	07/03/03	Griffin
		2003/0135490	07/17/03	Barrett et al.
		2003/0146937	08/07/03	Lee
		2003/0167315	09/04/03	Chowdhry et al.
		2003/0212766	11/13/03	Giles et al.
		2003/0220913	11/27/03	Doganata et al.
		2004/0030744	02/12/04	Rubin et al.
		2004/0030795	02/12/04	Hesmer et al.
		2004/0078371	04/22/04	Worrall et al.
		2004/0098467	05/20/04	Dewey et al.
		2004/0205473	10/14/04	Fisher et al.
		2005/0097008	05/05/05	Ehring et al.
<i>YC</i>		2006/0122882	06/08/06	Brown et al.
<u>OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)</u>				
<i>YC</i>		Lee, Amy J., et al., "Keeping Virtual Information Resources up and Running," IBM Press, pages 1-14 (November 1997).		
<i>YC</i>		Rossi, Gustavo, et al., "Designing Personalized Web Applications, ACM, WWW 10, Hong Kong, May 1-5, 2001, pages 275-284.		
<u>Examiner</u>	<i>J.aulon</i>	<u>Date Considered</u>	<i>10/25/07</i>	
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>*1 = Copy not submitted because it was submitted in prior application SN /_____, filed _____, 20_____, relied on under 35 USC §120.</p> <p>*2 = Copy not submitted because it was submitted in prior application SN /_____, filed _____, 20_____, relied on under 35 USC §120.</p>				

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>	Application Number	10619165
	Filing Date	2003-07-11
	First Named Inventor	Gregory Smith
	Art Unit	2161
	Examiner Name	Kim, Paul
	Attorney Docket Number	BEAS-01365US0

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
JK	1	6202207		2001-03-13	Donohue	
	2	6961897		2005-11-01	Peel et al.	
	3	6684369		2004-01-27	Bernardo et al.	
	4	5797128		1998-08-18	Birnbaum	
	5	5889953		1998-03-30	Thebaut et al.	
	6	6301613		2001-10-09	Ahlstrom et al.	
	7	6327618		2001-12-04	Ahlstrom et al.	
↓	8	6587876		2003-07-01	Mahon et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10619165
Filing Date	2003-07-11
First Named Inventor	Gregory Smith
Art Unit	2161
Examiner Name	Kim, Paul
Attorney Docket Number	BEAS-01365US0

YK	9	6978973		2005-12-20	Goh et al.	
	10	6167445		2000-12-26	Gai et al.	
	11	6487594		2002-11-26	Bahlmann	
	12	6865549		2005-03-08	Connor	
	13	7003578		2006-02-21	Kanada et al.	
	14	7174563		2007-05-14	Brownlie et al.	
	15	6285366		2001-09-04	Ng et al.	
	16	6769095		2004-07-27	Brassard et al.	
	17	7089584		2006-08-08	Sharma	
	18	6339423		2002-01-15	Sampson et al.	
↓	19	6397222		2002-05-28	Zellweger	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10619165
Filing Date	2003-07-11
First Named Inventor	Gregory Smith
Art Unit	2161
Examiner Name	Kim, Paul
Attorney Docket Number	BEAS-01365US0

✓	20	5557747		1996-09-17	Rogers et al.	
	21	5825883		1998-10-20	Archibald et al.	
	22	6327594		2001-12-04	Van Huben et al.	
	23	6857012		2005-02-15	Sim et al.	
	24	6360363		2002-03-19	Moser et al.	
	25	7047522		2006-05-16	Dixon et al.	
	26	5987469		1999-11-16	Lewis et al.	
	27	5987611		1999-11-16	Freund	
	28	6055515		2000-04-25	Consentino et al.	
	29	6430556		2002-08-06	Goldberg et al.	
↓	30	6466239		2002-10-15	Ishikawa	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>( Not for submission under 37 CFR 1.99)</small>	Application Number	10619165
	Filing Date	2003-07-11
	First Named Inventor	Gregory Smith
	Art Unit	2161
	Examiner Name	Kim, Paul
	Attorney Docket Number	BEAS-01365US0

YC	31	6581071		2003-06-17	Gustman et al.	
	32	6834284		2004-10-10	Acker et al.	
	33	7035944		2006-04-25	Fletcher et al.	
✓	34	6167407		2000-12-26	Nachenberg et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

#### U.S.PATENT APPLICATION PUBLICATIONS

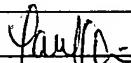
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
YC	1	20020104071		2002-08-01	Charisius et al.	
	2	20020152279		2002-10-17	Sollenberger et al.	
	3	20020029296		2002-03-07	Anuff et al.	
	4	20020135617		2002-09-26	Samid	
↓	5	20030167455		2003-09-04	Iborra et al.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>		Application Number	10619165
		Filing Date	2003-07-11
		First Named Inventor	Gregory Smith
		Art Unit	2161
		Examiner Name	Kim, Paul
		Attorney Docket Number	BEAS-01365US0

6	20010034771	2001-10-25	Hutsch et al.	
7	20020147696	2002-10-10	Acker et al.	
8	20030204481	2003-10-30	Lau	
9	20030216938	2003-11-20	Shour	
10	20050198617	2005-09-08	Kim et al.	
11	20020087571	2002-07-04	Stapel et al.	
12	20020120685	2002-08-29	Srivastava et al.	
13	20020143819	2002-10-03	Han et al.	
14	20030120686	2003-06-26	Kim et al.	
15	20030088617	2003-05-08	Clark et al.	
16	20060059107	2006-03-16	Elmore et al.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Not for submission under 37 CFR 1.99)</i>		Application Number		10619165	
		Filing Date		2003-07-11	
		First Named Inventor		Gregory Smith	
		Art Unit		2161	
		Examiner Name		Kim, Paul	
		Attorney Docket Number		BEAS-01365US0	

If you wish to add additional U.S. Published Application citation information please click the Add button <input type="button" value="Add"/>							
<b>FOREIGN PATENT DOCUMENTS</b> <input type="button" value="Remove"/>							
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear T <sup>5</sup>
	1						<input type="checkbox"/>
If you wish to add additional Foreign Patent Document citation information please click the Add button <input type="button" value="Add"/>							
<b>NON-PATENT LITERATURE DOCUMENTS</b> <input type="button" value="Remove"/>							
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>5</sup>
YC	1	CANDAN, et al., "Enabling Dynamic Content Caching for Database-Driven Web Sites", Proceedings of the 2001 ACM SIGMOD International Conference on Management of Data, Santa Barbara, CA, US, May 21-24 2001, pp. 532-543.					<input type="checkbox"/>
	2	PARKER, Elizabeth, "The Complete Idiots Guide to MicroSoft FrontPage 2000", 1999, Que, pp. 7 and 55.					<input type="checkbox"/>
	3	TANYI, Emmanuel, "Easy XML", March 6, 2000, www.winsite.com, pp. 1-6.					<input type="checkbox"/>
	4	IBM Technical Disclosure Bulletin, "Method and System for Visually Constructing Document Type Definitions and Related Artifacts Using a Reusable Object Model", May 23, 2001.					<input type="checkbox"/>
✓	5	USDataCenters Chooses Baltimore SelectAccess to Enable Next Generation Security, Business Wire, April 4, 2001, pp. 1-2.					<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button <input type="button" value="Add"/>							
<b>EXAMINER SIGNATURE</b>							
Examiner Signature				Date Considered	10/25/07		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>	Application Number		10619165	
	Filing Date		2003-07-11	
	First Named Inventor		Gregory Smith	
	Art Unit		2161	
	Examiner Name		Kim, Paul	
	Attorney Docket Number		BEAS-01365US0	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
WC	1	6269456		2001-07-31	Hodges et al.	
	2	6275941		2001-08-14	Saito et al.	
↓	3	7080000		2006-07-18	Cambridge	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS						Remove		
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>( Not for submission under 37 CFR 1.99)</small>	Application Number	10619165
	Filing Date	2003-07-11
	First Named Inventor	Gregory Smith
	Art Unit	2161
	Examiner Name	Kim, Paul
	Attorney Docket Number	BEAS-01365US0

If you wish to add additional Foreign Patent Document citation information please click the Add button <input type="button" value="Add"/>		
<b>NON-PATENT LITERATURE DOCUMENTS</b> <input type="button" value="Remove"/>		
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.
	1	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button <input type="button" value="Add"/>		
<b>EXAMINER SIGNATURE</b>		
Examiner Signature	<i>Paul J. G.</i>	Date Considered <i>10/25/07</i>
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p><sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.</p>		

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>	Application Number	10619165
	Filing Date	2003-07-11
	First Named Inventor	Gregory Smith
	Art Unit	2161
	Examiner Name	Kim, Paul
	Attorney Docket Number	BEAS-01365US0

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
YC	1	7062490		2006-06-13	Adya et al.	
	2	6295607		2001-09-25	Johnson	
	3	6584454		2003-06-24	Hummel et al.	
	4	5867667		1999-02-02	Butman et al.	
	5	6618806		2003-09-09	Brown et al.	
	6	5826000		1998-10-20	Hamilton	
	7	5987611		1999-11-16	Freund	
↓	8	6904454		2005-06-07	Stickler	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>		Application Number	10619165
		Filing Date	2003-07-11
		First Named Inventor	Gregory Smith
		Art Unit	2161
		Examiner Name	Kim, Paul
		Attorney Docket Number	BEAS-01365US0

YC	9	6970876		2005-11-29	Hotti et al.	
	10	6665677		2003-12-16	Wotring et al.	
↓	11	6587849		2003-07-01	Mason et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

#### U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
YC	1	20020178119		2002-11-28	Griffin et al.	
	2	20020059394		2002-05-16	Sanders	
	3	20030140308		2006-08-22	Murthy et al.	
↓	4	20020069261		2002-06-06	Bellare et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button

#### FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>		Application Number	10619165
		Filing Date	2003-07-11
		First Named Inventor	Gregory Smith
		Art Unit	2161
		Examiner Name	Kim, Paul
		Attorney Docket Number	BEAS-01365US0

	1						<input type="checkbox"/>
If you wish to add additional Foreign Patent Document citation information please click the Add button							<input type="button" value="Add"/>
<b>NON-PATENT LITERATURE DOCUMENTS</b>							<input type="button" value="Remove"/>
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.					T5
YK	1	KISTLER, et al., "WebL-- a programming language for the web" Computer Networks and ISDN Systems, North Holland Publishing, Amsterdam, NL., Vol. 30, No. 1-7, April 1998 (1998-04), pp. 259-270.					<input type="checkbox"/>
	2	LEVY, "Web Programming in Guide", Software Practice & Experience, Wiley & Sons, Bognor Regis, GB, Vol. 28, No. 15, 25 December 1998 (1998-12-25) pp. 1581-1603.					<input type="checkbox"/>
	3	ATKINS, et al., "Mawl: A Domain-Specific Language for Form-Based Services" IEEE Transactions on Software Engineering, IEEE Service Center, Los Alamitos, CA, US, Vol. 25, No. 3, May 1999 (1999-05). pp. 334-346.					<input type="checkbox"/>
	4	HOWES, "The String Representation of LDAP Search Filters", © The Internet Society, December 1997 (RFC 2254) pp. 1-8.					<input type="checkbox"/>
	5	CATLEY, et al., "Design of a Health Care Architecture for Medical Data Interoperability and Application Integration", Proceedings of the Second Joint EMBS/BMES Conference, Houston, TX, US, October 23-26, 2002, IEEE, Vol. 3, pp. 1952-1953.					<input type="checkbox"/>
	6	BROWNE, et al., " Location-Independent Naming for Virtual Distributed Software Repositories", <a href="http://portal.acm.org/">http://portal.acm.org/</a> dl.cfm, ACM Symposium on Software Reusability, Seattle, WA, US, August 1995, Vol. 20, Issue SI, pp. 179-185.					<input type="checkbox"/>
↓	7	European Search Report dated December 19, 2006, Application No. EP 01975484.5, 3 pages.					<input type="checkbox"/>
If you wish to add additional non-patent literature document citation information please click the Add button							<input type="button" value="Add"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	10619165
	Filing Date	2003-07-11
	First Named Inventor	Gregory Smith
	Art Unit	2161
	Examiner Name	Kim, Paul
	Attorney Docket Number	BEAS-01365US0

**EXAMINER SIGNATURE**

Examiner Signature	<i>[Signature]</i>	Date Considered	10/25/07
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			
<small> <sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.         </small>			